advidia

B-33

Outdoor Box Camera

The Ultimate in Enterprise Class IP Video Recording

Overview

- 1/3.2” Progressive Scan CMOS
- 4 Megapixel Resolution
- Day and night function with mechanical IR cut filter
- Minimum illumination 0.05 lux at F1.4
- 18x Zoom
- Built-in f4.7-84.6 mm / F1.6 Megapixel iris zoom lens
- 8 fps at 2032 x 1920 resolution
- Selectable H.264, MPEG-4 SP, MJPEG compressions with dual streaming
- Serial port for external pan & tilt scanner
- 2D+3D Digital noise reduction
- Weatherproof IP66 rated casing
- Powered by PoE Class 3 / DC 12V

Technical Specifications

Camera	Image Sensor:	Progessive Scan CMOS
	Sensor Size:	1/3.2” (4.5 x 3.4 mm)
	Day/Night:	Yes
	Min. Illumination:	Color: 0.1 lux at F1.6 (30 IRE, 2400°K); B/W: 0 lux (IR LED on)
	Color to B/W Switch:	ISP based, configurable
	Mechanical IR Cut Filter:	Yes
	IR Sensitivity Range:	700 - 1100 nm
	IR LED:	IR LED x 24 (850 nm)
	Electronic Shutter:	Manual mode: 1/25 - 1/2000 sec. (50Hz); 1/15 - 1/2000 sec. (60Hz) Auto mode: 1 - 1/2000 sec.
Lens	Focal Length / Aperture:	Zoom, f4.7 - 84.6 mm / F1.6 - F2.8
	Zoom Ratio:	18x optical
	Zoom Speed:	2.63 sec (1x to 18x)
	Iris:	DC Iris
	Focus:	Auto focus
	Mount Type:	Board mount
	Horizontal Viewing Angle:	48.94° - 3.61°
Video	Compression:	MJPEG / MPEG-4 / H.264
	Maximum Frame Rate: H.264 & MJPEG	8 fps at 2032 X 1920; 15 fps at 1920 X 1080 (HD 1080p); 30 fps at 1280 x 720 (HD 720p); 30 fps at 640 x 480 (VGA)

Technical Specifications Cont.

	Maximum Frame Rate vs. Resolution: MPEG-4 SP	5 fps at 2032 X 1920; 10 fps at 1920 X 1080 (HD 1080p); 24 fps at 1280 x 720 (HD 720p); 30 fps at 640 x 480 (VGA)
	4 Cropped VGA Mode: (All Compressions)	15fps at 640x480 (VGA)
	Bit Rate:	28 Kbps - 6 Mbps (per stream)
	Bit Rate Mode:	Constant, Variable
	Image Enhancement:	SDR (Superior Dynamic Range); White balance: automatic, hold and manual; Brightness; Contrast; Automatic gain control; 2D+3D Digital noise reduction; Flickerless; Defogging
	Privacy Mask:	4 configurable regions
	Text Overlay:	User defined text on video
	Image Orientation:	Image flip and mirror
Audio	Compression:	8 kHz. Mono, PCM, 16 bit encoding
	Audio In:	3.5mm Phone Jack
	Audio Out:	3.5mm Phone Jack
Network	Protocol & Service:	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour, Pelco-D
	Ethernet Port:	1, Ethernet (10/100 Base-T), RJ-45 connector
	Security:	IP address filtering; HTTPS encryption; Password protected user levels; IEEE 802.1X network access control
Alarm	Alarm Trigger:	Video motion detection 3 regions in single view mode,External device through digital input
Interface	Digital Input:	2, terminal block
	Digital Output:	2, terminal block
	Local Storage:	MicroSD / MicroSDHC memory card slot (card not included)
General	Power Source / Consumption:	PoE Class 3 (IEEE802.3af) / 9.12 W (IR on) DC 12V / 11.52 W (IR on)
	Weight:	2.98 lb.
	Dimensions:	4.50” x 5.10” x 7.70”
	Environmental Casing:	Weatherproof (IP66 rated)
	Operating Temperature:	-22° F ~ 122° F
	Operating Humidity:	10% ~ 85% RH
	Approvals:	Camera: CE, FCC, IP66; Adapter: CE, TUV-GS, UL, RCM, CCC

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